

Data File : BF093119.D
Acq On : 23 Feb 2017 22:09
Operator : SJ/MA
Sample : I1954-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLP-S-06(5-10)

Quant Time: Feb 23 23:51:05 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	163790	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	648330	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	319514	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	572452	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	506158	20.00	ng	-0.02
86) Perylene-d12	15.43	264	341297	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1034375	108.35	ng	-0.01
7) Phenol-d6	6.48	99	1177325	95.84	ng	-0.01
23) Nitrobenzene-d5	7.41	82	873511	75.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	271061	117.30	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1288162	73.04	ng	-0.01
78) Terphenyl-d14	12.95	244	1085798	50.40	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	34659	2.41	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.41	70	113047	14.46	ng	# 76
49) Dimethylphthalate	9.60	163	300844	13.98	ng	99
56) 2,4-Dinitrotoluene	9.88	165	40047	6.47	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.67	198	639	2.84	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	18879	3.16	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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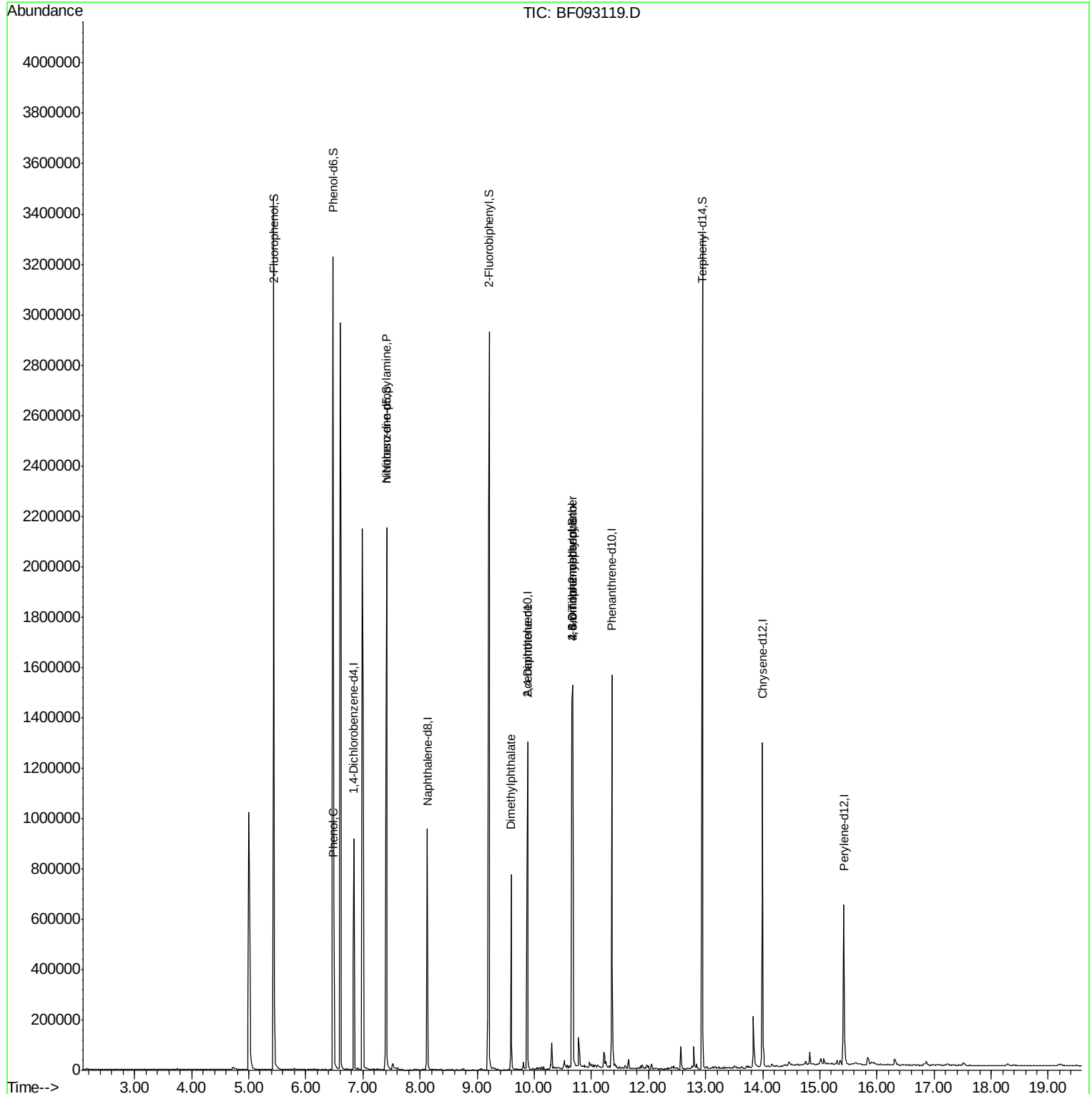
Quant Time: Feb 23 23:51:05 2017

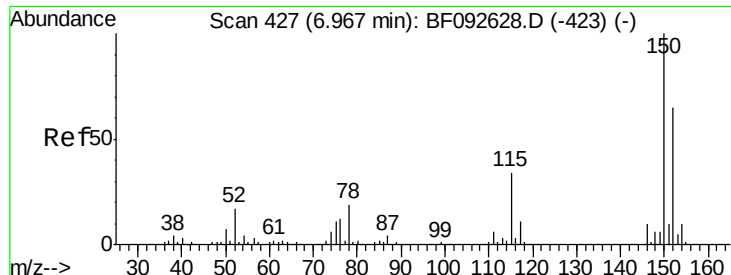
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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ClientSampleId :

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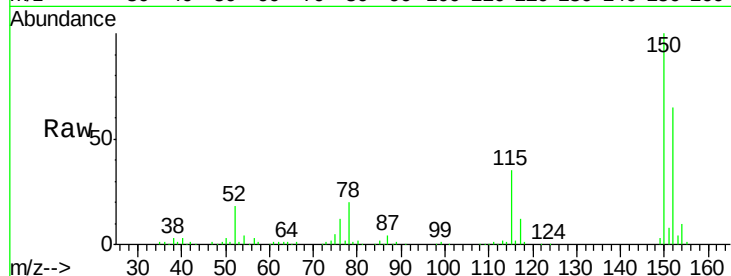
Tgt Ion:152 Resp: 163790

Ion Ratio Lower Upper

152 100

150 153.1 124.9 187.3

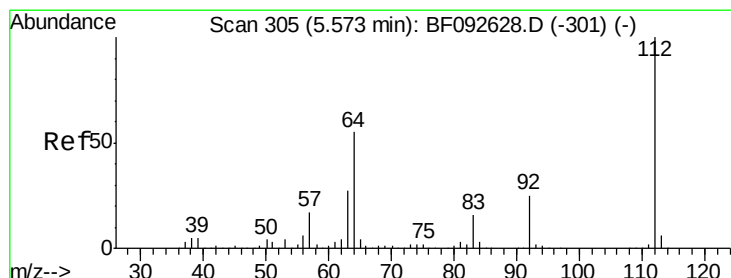
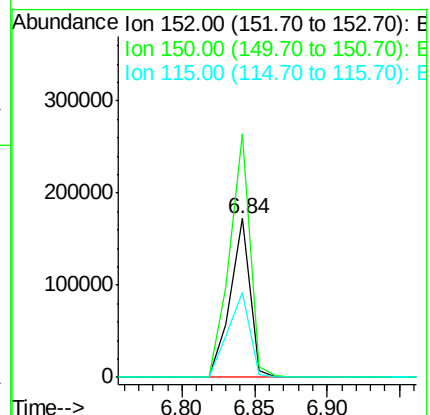
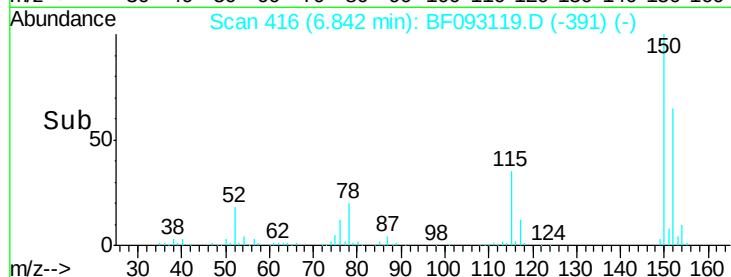
115 53.1 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 108.35 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093119.D

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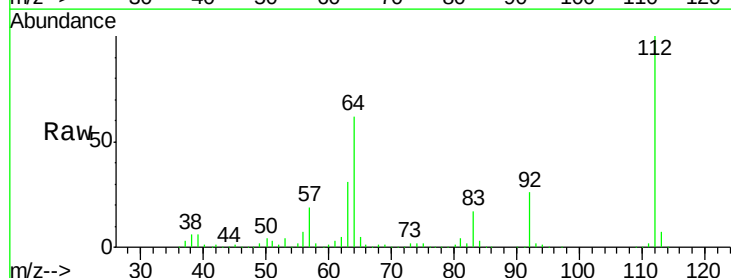
Tgt Ion:112 Resp: 1034375

Ion Ratio Lower Upper

112 100

64 62.4 46.1 69.1

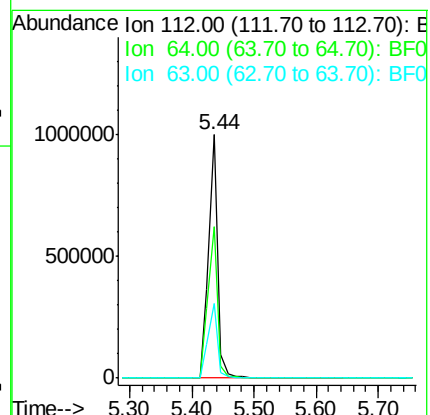
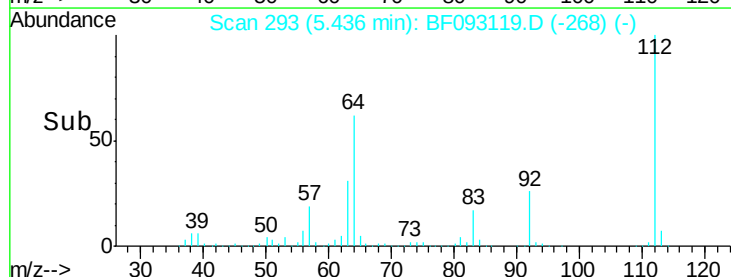
63 30.5 23.8 35.6

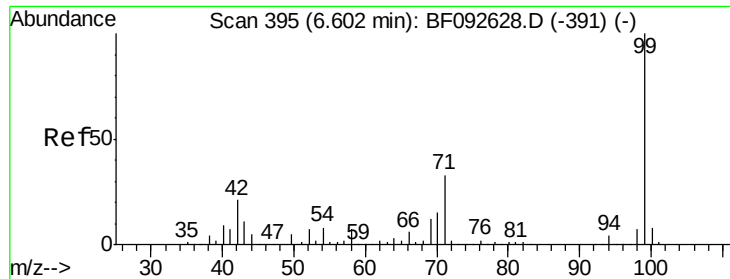


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.84 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

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CLP-S-06(5-10)

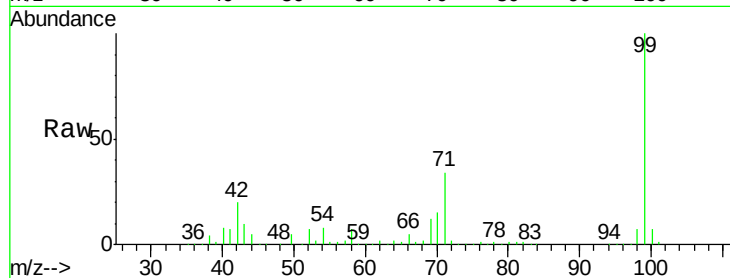
Tgt Ion: 99 Resp: 1177325

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

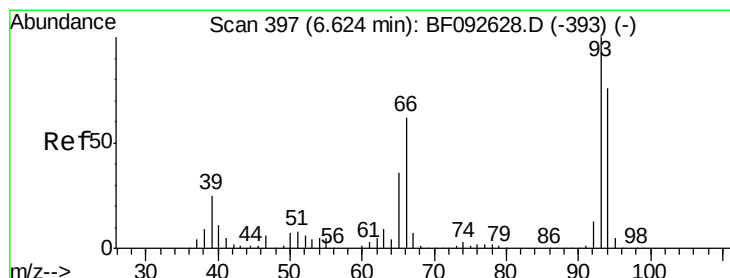
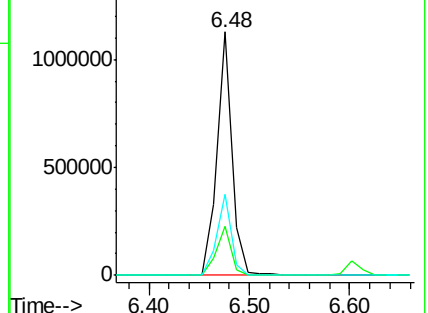
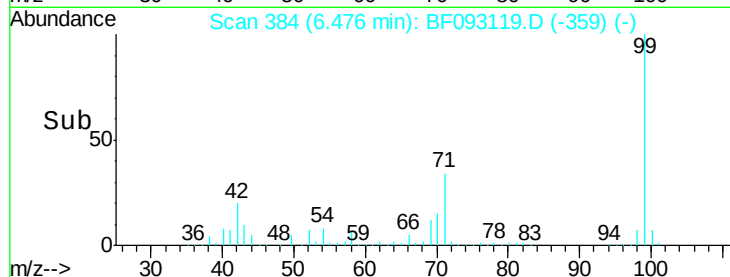
71 33.5 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.41 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093119.D

Acq: 23 Feb 2017 22:09

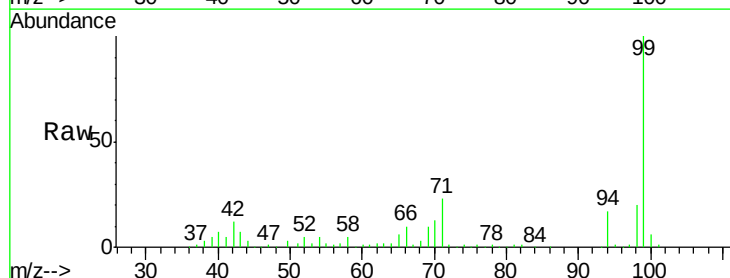
Tgt Ion: 94 Resp: 34659

Ion Ratio Lower Upper

94 100

65 36.6 21.4 61.4

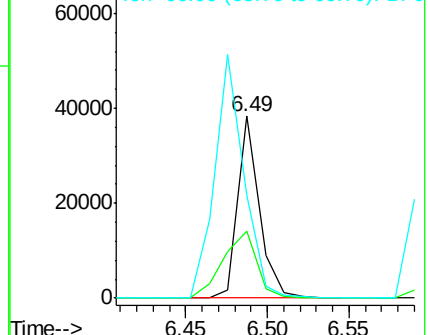
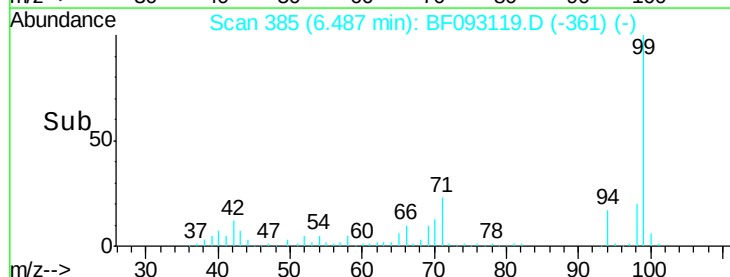
66 56.9 44.0 84.0

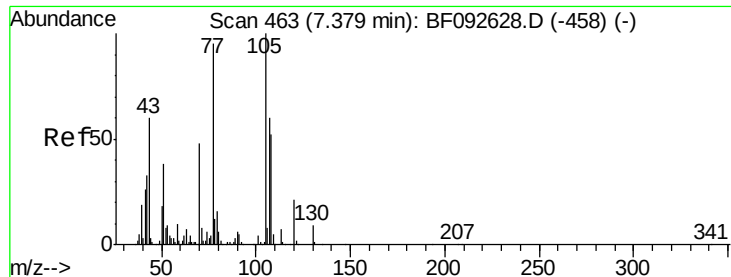


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

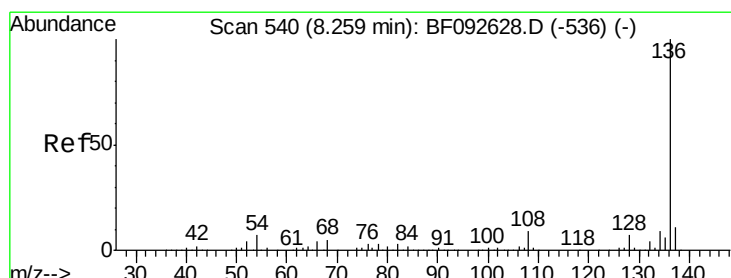
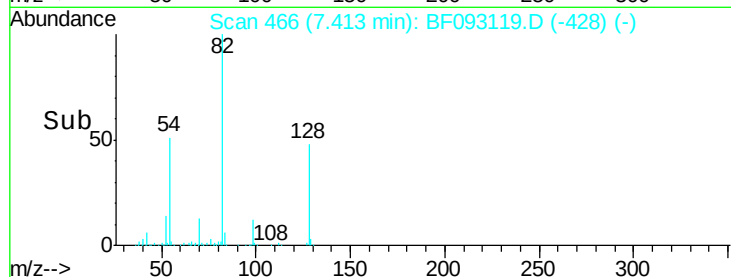
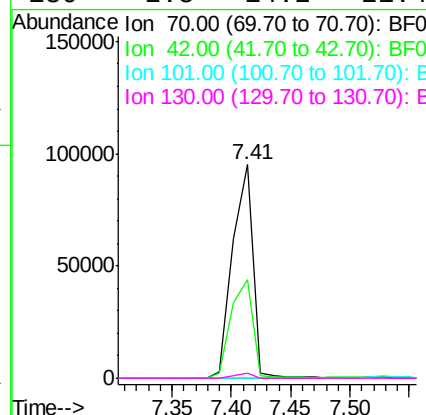
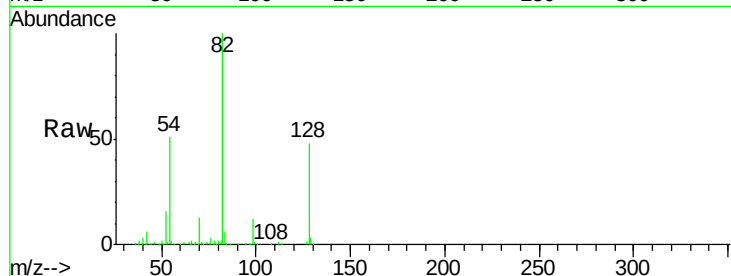




#19
n-Nitroso-di-n-propylamine
Concen: 14.46 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093119.D
Acq: 23 Feb 2017 22:09

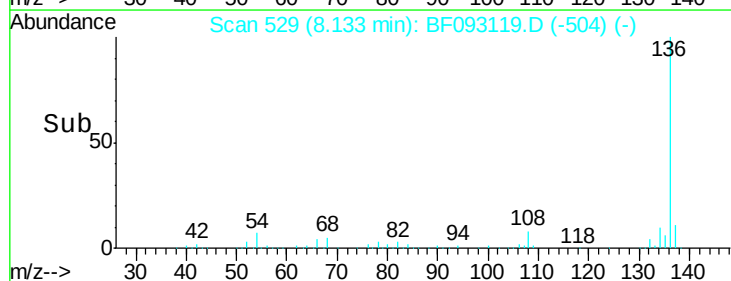
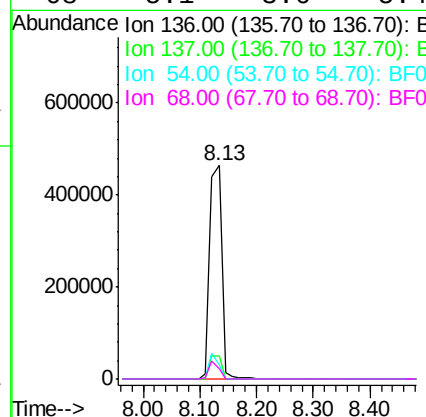
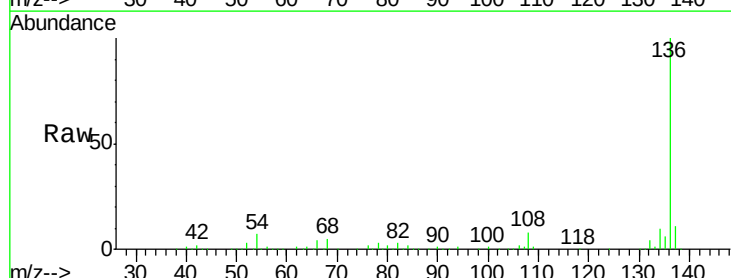
Instrument :
BNA_F
ClientSampleId :
CLP-S-06(5-10)

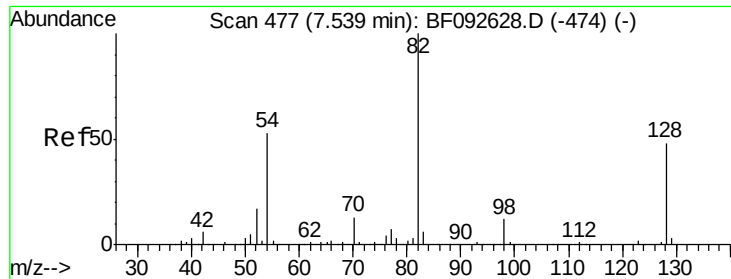
Tgt Ion: 70 Resp: 113047
Ion Ratio Lower Upper
70 100
42 46.4 49.4 74.0#
101 0.0 7.4 11.2#
130 2.5 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093119.D
Acq: 23 Feb 2017 22:09

Tgt Ion: 136 Resp: 648330
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 6.7 4.5 6.7
68 5.1 3.6 5.4

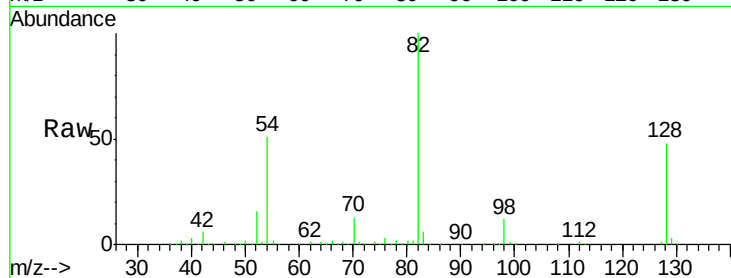




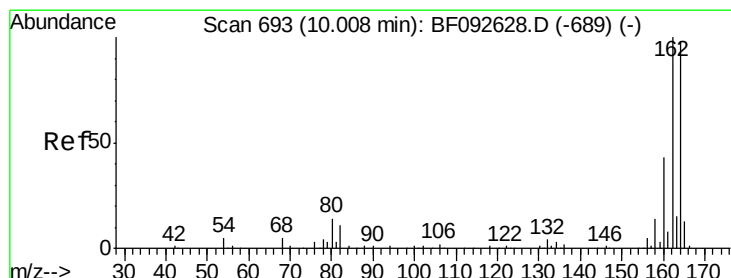
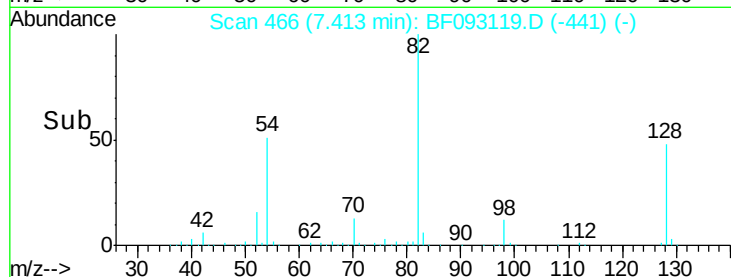
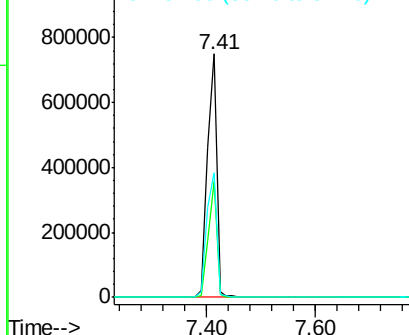
#23
 Nitrobenzene-d5
 Concen: 75.03 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093119.D
 Acq: 23 Feb 2017 22:09

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-06(5-10)

Tgt Ion: 82 Resp: 873511
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.6 52.0
 54 50.9 39.5 59.3

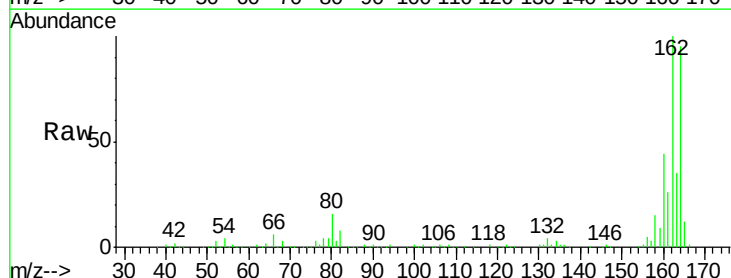


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

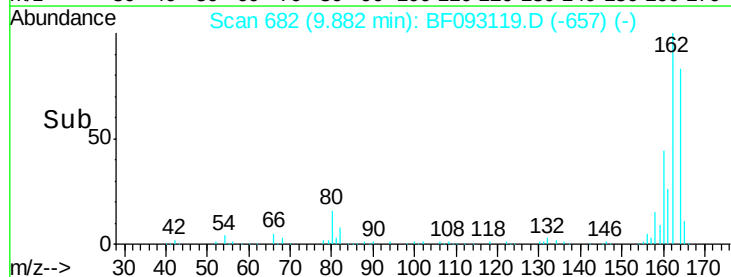
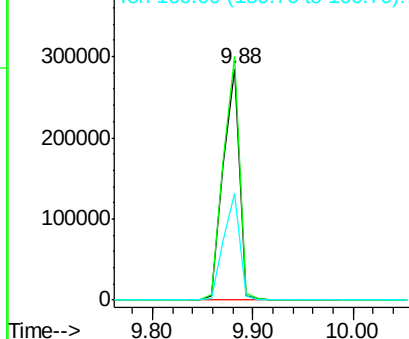


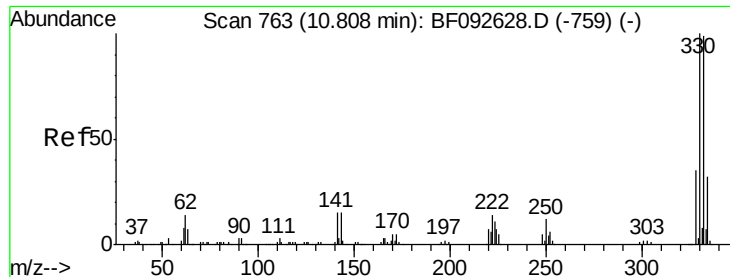
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093119.D
 Acq: 23 Feb 2017 22:09

Tgt Ion: 164 Resp: 319514
 Ion Ratio Lower Upper
 164 100
 162 105.5 80.2 120.2
 160 46.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

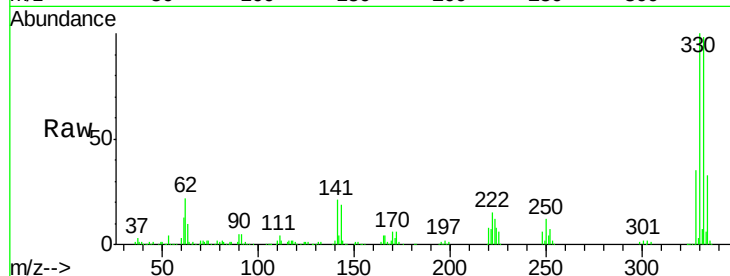




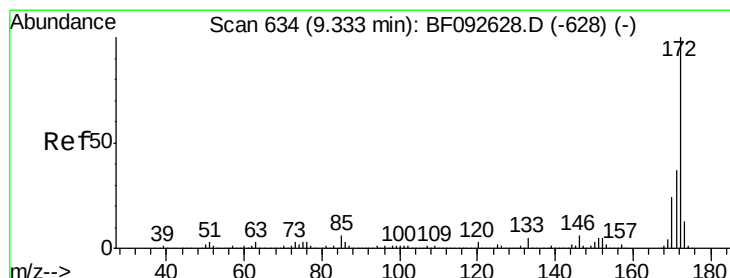
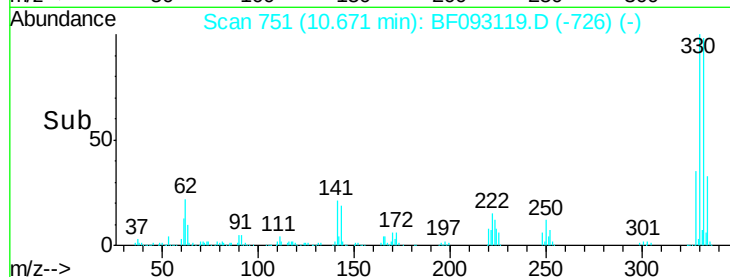
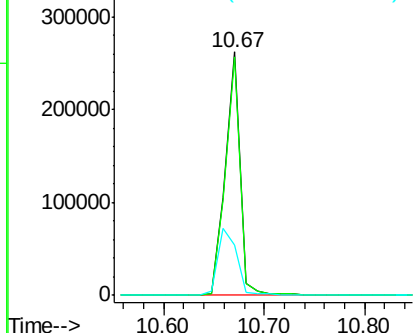
#41
 2,4,6-Tribromophenol
 Concen: 117.30 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093119.D
 Acq: 23 Feb 2017 22:09

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-06(5-10)

Tgt Ion:330 Resp: 271061
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 34.9 34.1 51.1

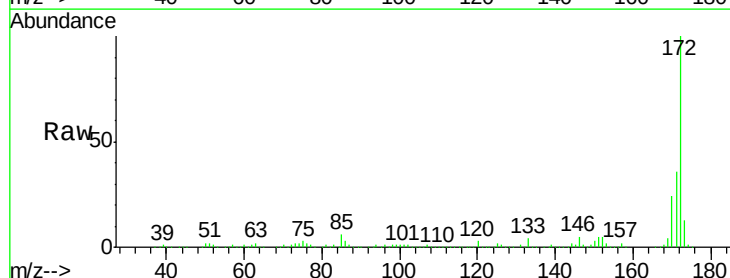


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

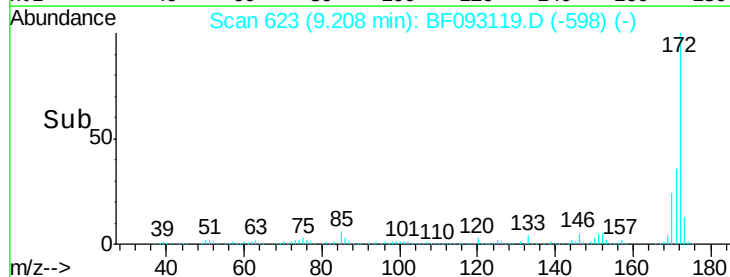
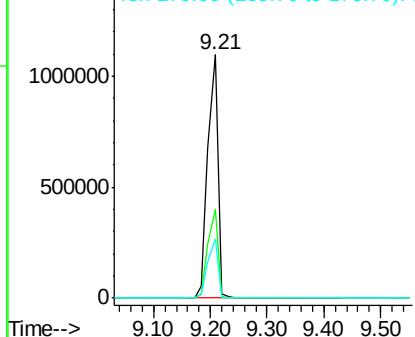


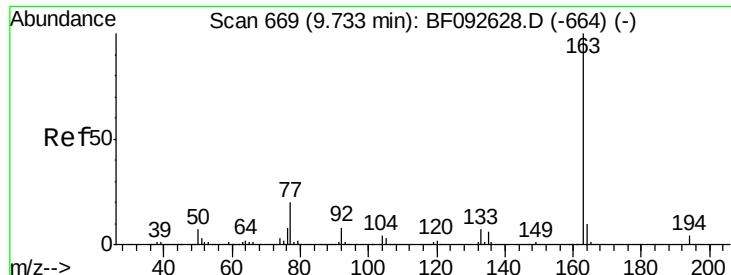
#44
 2-Fluorobiphenyl
 Concen: 73.04 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093119.D
 Acq: 23 Feb 2017 22:09

Tgt Ion:172 Resp: 1288162
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.2 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

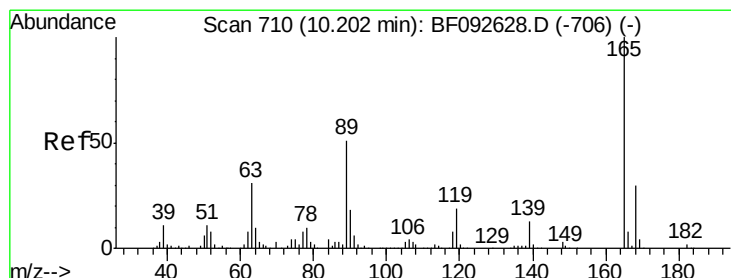
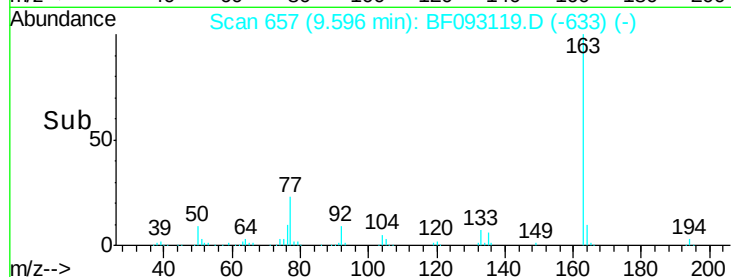
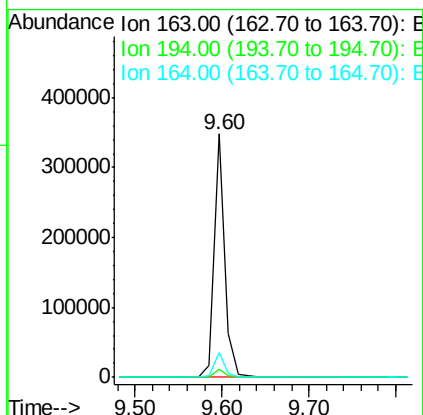
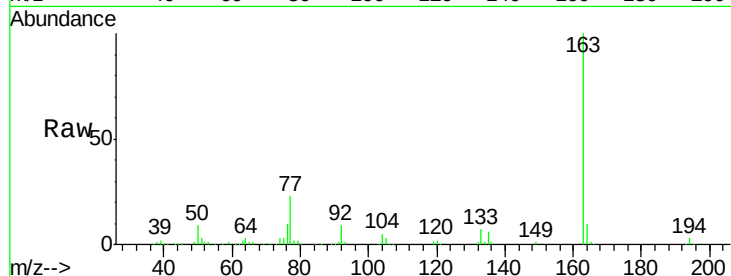




#49
Dimethylphthalate
Concen: 13.98 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093119.D
Acq: 23 Feb 2017 22:09

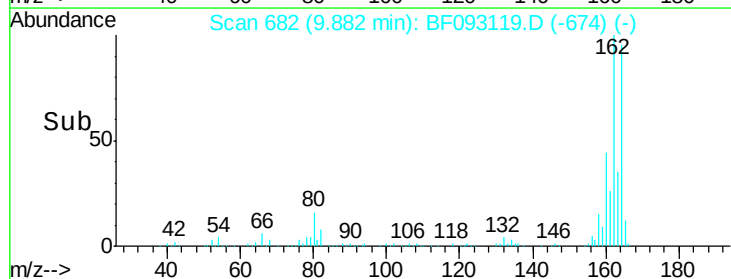
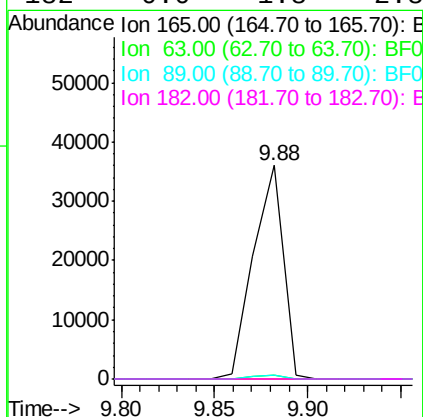
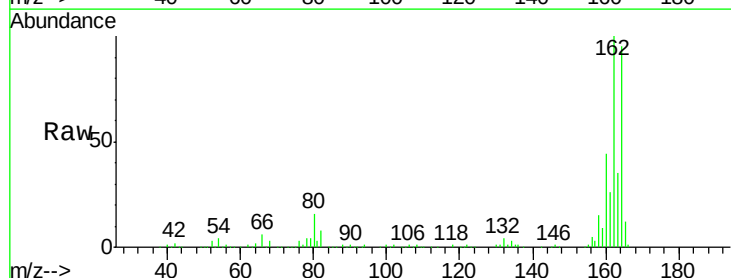
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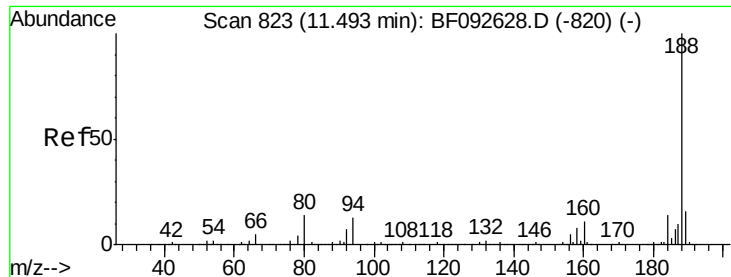
Tgt Ion:163 Resp: 300844
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.3 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.21 min
Lab File: BF093119.D
Acq: 23 Feb 2017 22:09

Tgt Ion:165 Resp: 40047
Ion Ratio Lower Upper
165 100
63 1.6 40.2 60.4#
89 1.6 62.5 93.7#
182 0.0 1.8 2.8#

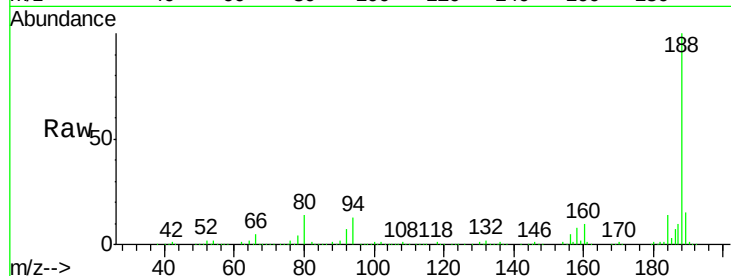




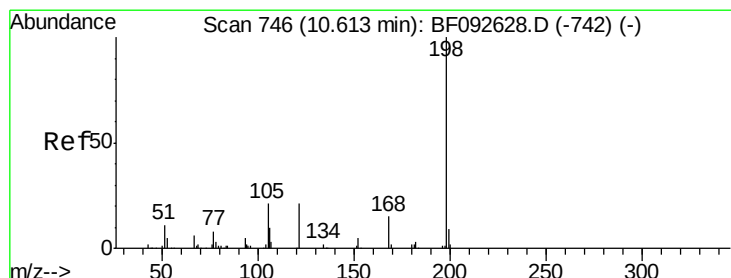
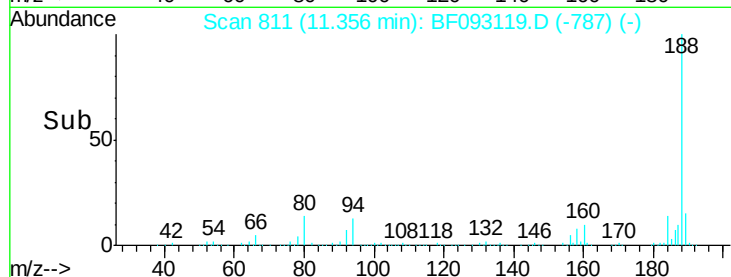
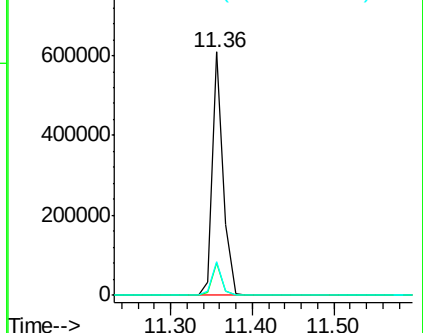
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF093119.D
 Acq: 23 Feb 2017 22:09

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-06(5-10)

Tgt Ion:188 Resp: 572452
 Ion Ratio Lower Upper
 188 100
 94 13.3 10.0 15.0
 80 14.0 11.2 16.8

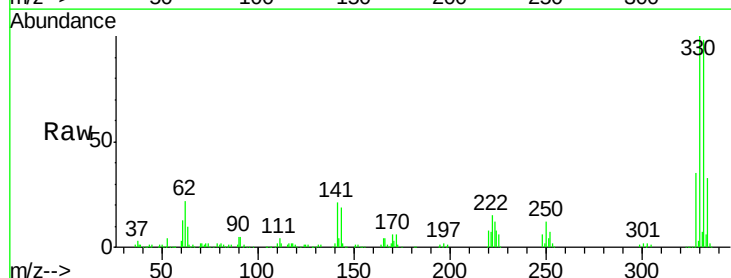


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

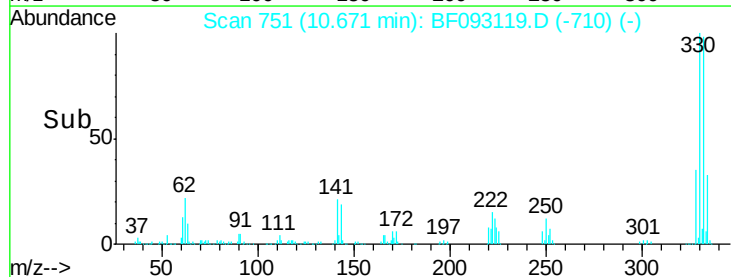
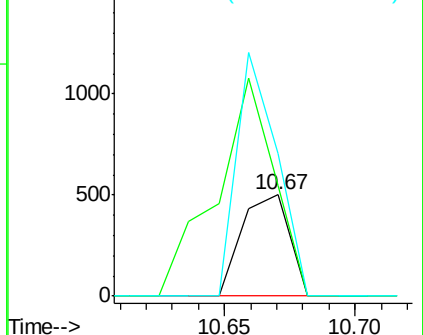


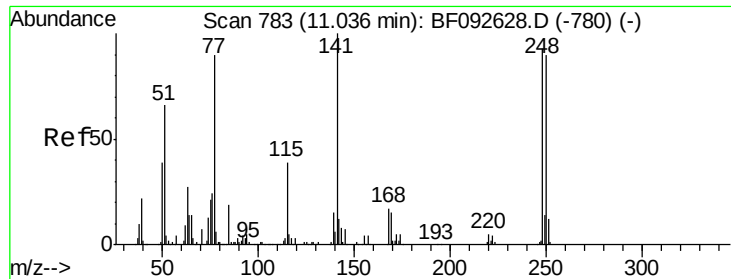
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.84 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.17 min
 Lab File: BF093119.D
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Tgt Ion:198 Resp: 639
 Ion Ratio Lower Upper
 198 100
 51 109.4 6.7 46.7#
 105 140.8 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

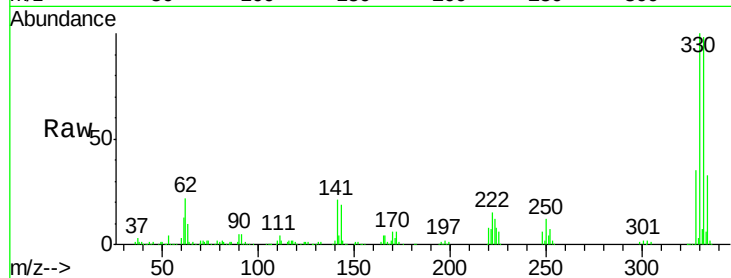




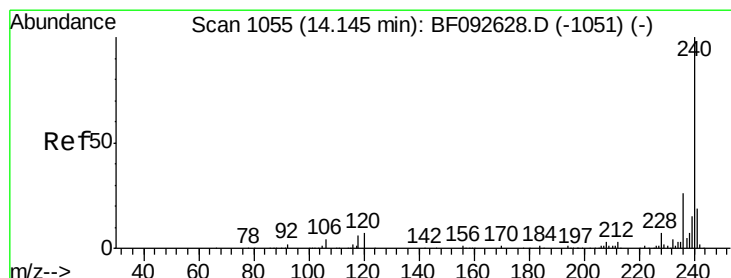
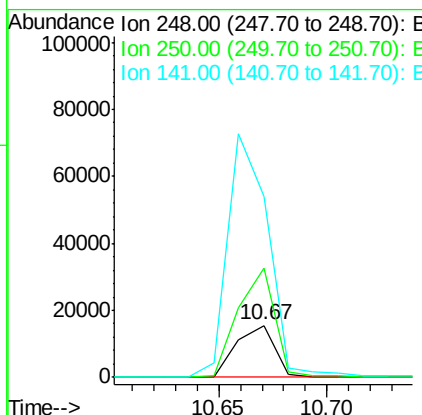
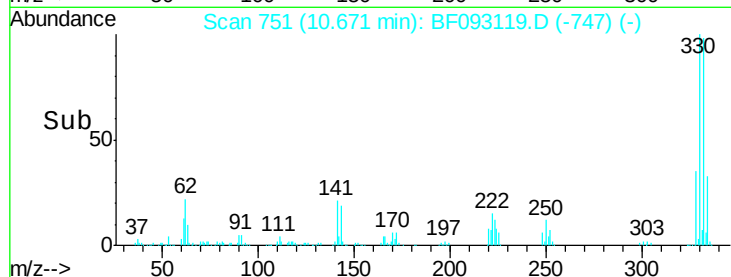
#66
 4-Bromophenyl-phenylether
 Concen: 3.16 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF093119.D
 Acq: 23 Feb 2017 22:09

Instrument :
 BNA_F
 ClientSampleId :
 CLP-S-06(5-10)

Tgt Ion:248 Resp: 18879
 Ion Ratio Lower Upper
 248 100
 250 208.2 76.9 115.3#
 141 346.1 68.2 102.4#

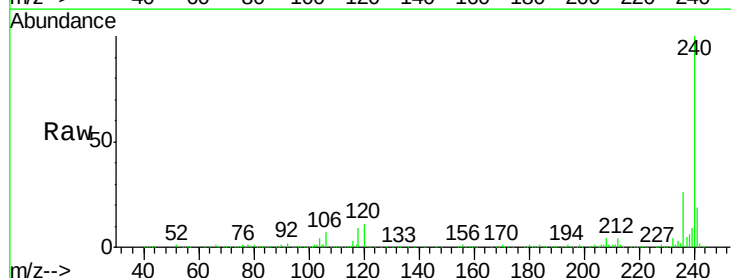


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

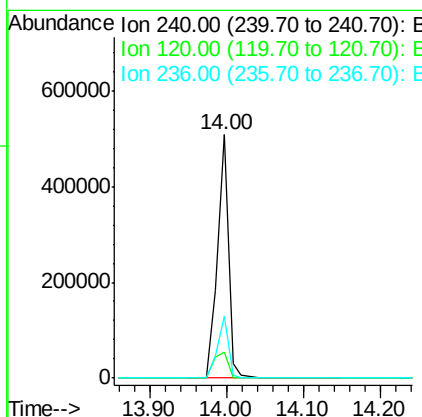
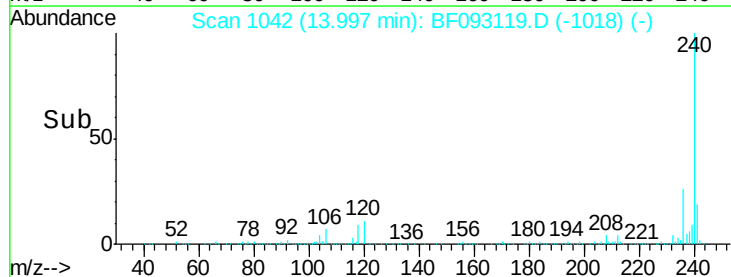


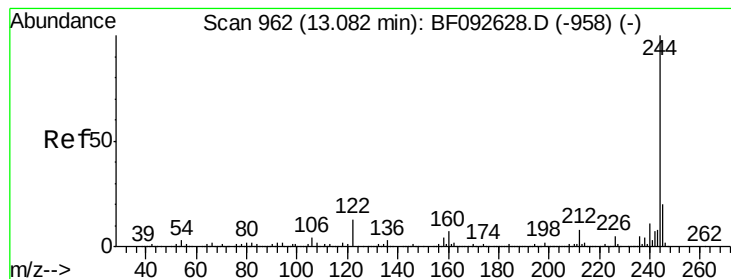
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF093119.D
 Acq: 23 Feb 2017 22:09

Tgt Ion:240 Resp: 506158
 Ion Ratio Lower Upper
 240 100
 120 10.5 12.9 19.3#
 236 25.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 50.40 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093119.D

Acq: 23 Feb 2017 22:09

Instrument :

BNA_F

ClientSampleId :

CLP-S-06(5-10)

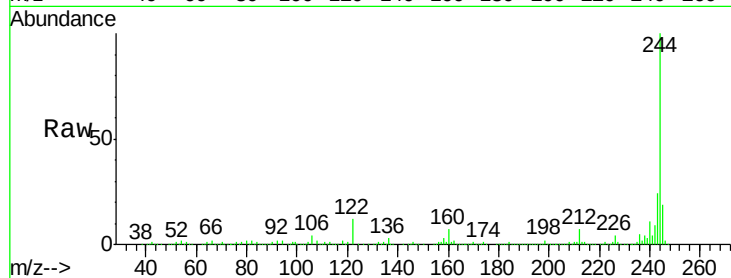
Tgt Ion:244 Resp: 1085798

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

122 12.0 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

1500000

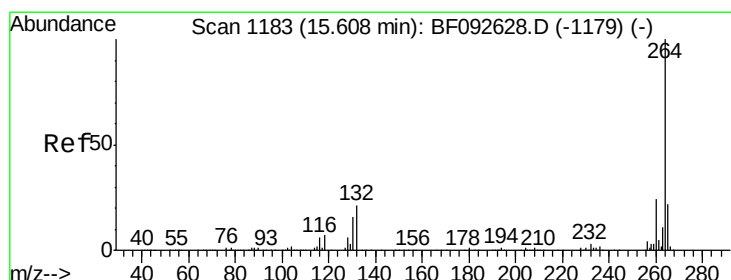
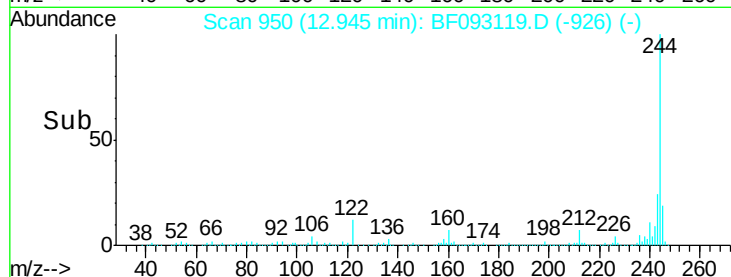
1000000

500000

0

12.95

Time--> 12.80 12.90 13.00 13.10



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093119.D

Acq: 23 Feb 2017 22:09

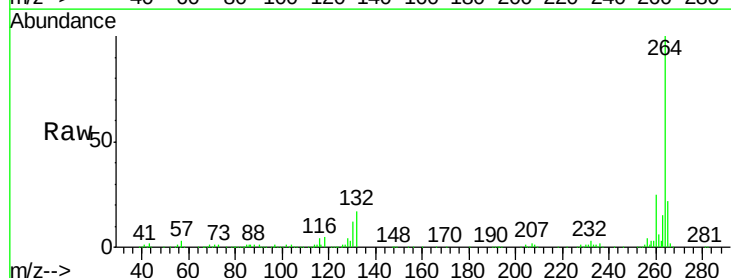
Tgt Ion:264 Resp: 341297

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.8 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

300000

250000

200000

150000

100000

50000

0

15.43

Time--> 15.30 15.40 15.50 15.60

